

FIG. 1 PRIOR ART

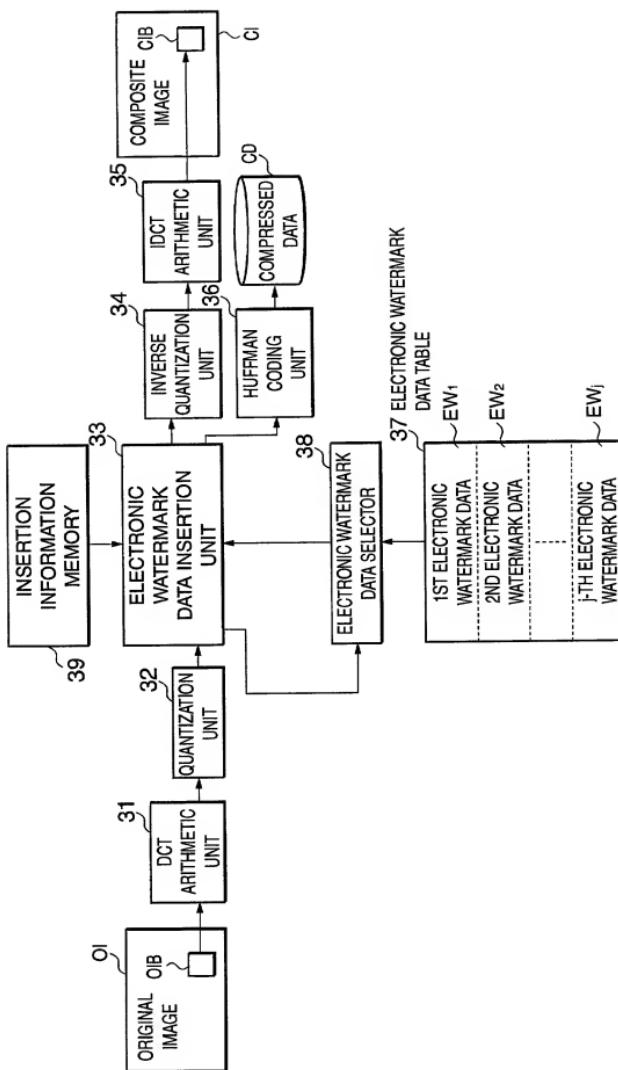


FIG.2

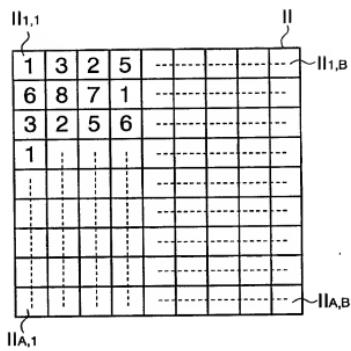


FIG.3

1960-61  
1961-62  
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1999-2000  
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2003-04  
2004-05  
2005-06  
2006-07  
2007-08  
2008-09  
2009-10  
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2013-14  
2014-15  
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2016-17  
2017-18  
2018-19  
2019-20  
2020-21  
2021-22

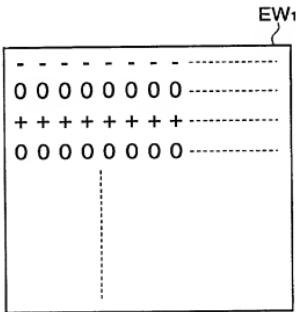


FIG.4

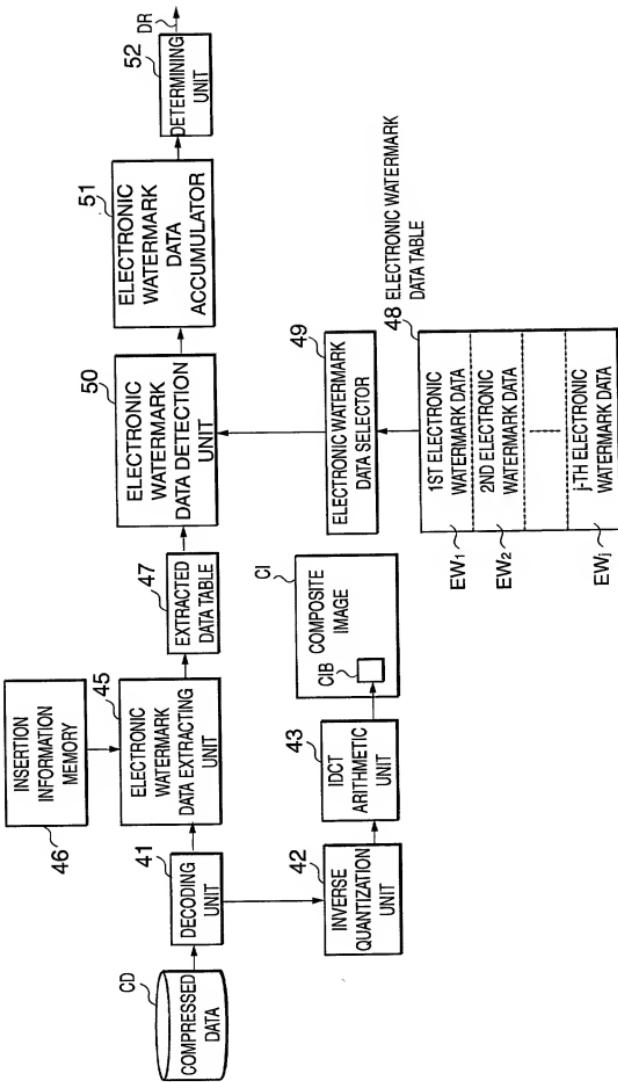


FIG. 5



FIG.6 PRIOR ART

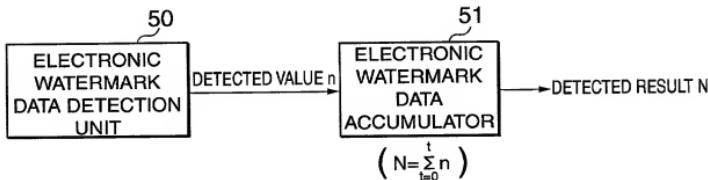
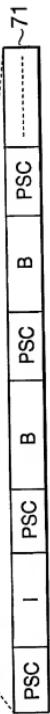
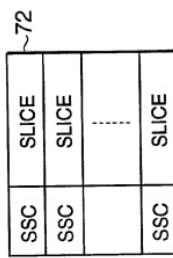
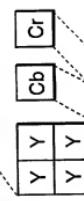


FIG.7

**FIG.8A** SEQUENCE LAYER**FIG.8B** GOP LAYER**FIG.8C** PICTURE LAYER**FIG.8D** SLICE LAYER**FIG.8E** MACRO BLOCK LAYER**FIG.8F** BLOCK LAYER

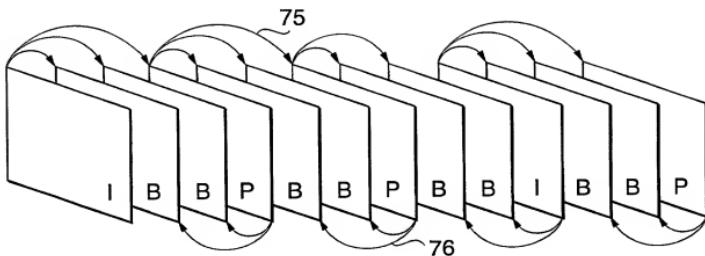


FIG.9

→ HORIZONTAL SPATIAL  
FREQUENCY IH

↓  
VERTICAL SPATIAL  
FREQUENCY IV

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 1  | 2  | 6  | 7  | 15 | 16 | 28 | 29 |
| 3  | 5  | 8  | 14 | 17 | 27 | 30 | 43 |
| 4  | 9  | 13 | 18 | 26 | 31 | 42 | 44 |
| 10 | 12 | 19 | 25 | 32 | 41 | 45 | 54 |
| 11 | 20 | 24 | 33 | 40 | 46 | 53 | 55 |
| 21 | 23 | 34 | 39 | 47 | 52 | 56 | 61 |
| 22 | 35 | 38 | 48 | 51 | 57 | 60 | 62 |
| 36 | 37 | 49 | 50 | 58 | 59 | 63 | 64 |

FIG.10

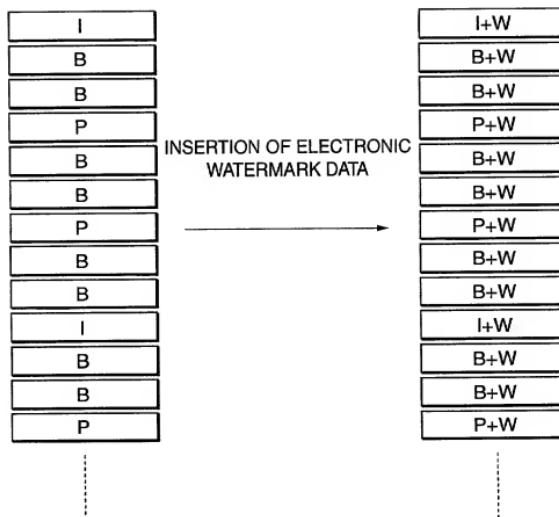


FIG.11